



NGUYEN DUC KY

FULL-STACK DEVELOPER

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SUMMARY

Full-Stack Developer with hands-on experience building and shipping end-to-end web applications — from database design and backend API development to frontend interface and production deployment. Strong foundation in Java, SQL, and Linux-based server environments. Comfortable owning a full product lifecycle: requirements analysis, system design, coding, testing, and release. Interested in working on real-world systems that require both technical depth and cross-layer thinking.

SKILL

- Backend & API: Java, Spring Boot, Spring Framework, RESTful API Development, Third-Party API Integration
- Frontend: HTML, CSS, JavaScript, ReactJS, UI/UX Implementation
- Database: MySQL, MSSQL, MongoDB, SQL Query Optimization, Data Pipeline / ETL
- Integration: System Integration, Data Synchronization, Multi-system Data Flow
- Deployment: Linux (Ubuntu, RHEL-based), Nginx, Apache, Tomcat, SSH, Server Configuration & Monitoring
- Debugging: Log Analysis, Production Issue Investigation, Root Cause Analysis, Bug Fix & Release
- Tools: Git, GitHub, Postman, Docker (learning)
- Other: Technical Documentation, AI-assisted Development

WORK EXPERIENCE

Full-Stack Developer – System & Deployment Focus

Sep 2024 – Mar 2026

Dai Thang Mechanical Engineering Co. | HCMC (cokhidaithang.com)

- Developed and maintained full-stack web applications covering backend logic, frontend interface, and production deployment
- Designed and optimized SQL queries to improve data retrieval performance and support accurate business reporting
- Built and integrated RESTful APIs for seamless data exchange between internal modules and third-party platforms
- Ensured data consistency across multiple integrated system modules; monitored real-time data flow and resolved synchronization issues
- Managed Linux server deployment and Nginx configuration; maintained system stability and uptime in production
- Investigated and resolved production issues through log analysis and database debugging; performed root cause analysis to prevent recurrence

Web Developer & System Support

Mar 2024 – May 2024

Viet Ha Technology Solutions JSC | HCMC (vhservices.vn)

- Maintained and enhanced web systems with focus on backend performance, data handling, and operational reliability
- Performed database operations including validation, query optimization, and integrity checks across business data
- Collaborated with business teams to identify system pain points and implement workflow improvements
- Monitored system performance and resolved data-related issues to ensure stable and uninterrupted operation

Web Application Developer (Fresher)

Sep 2023 – Jan 2024

Saigon Hai Phong Paint Co., Ltd | HCMC

- Developed a web-based application to digitize and replace manual paint color mixing workflows
- Designed database structures for product, formula, and color data; implemented backend calculation logic
- Participated in QA and debugging phases to ensure system stability and data integrity

Web Developer – E-commerce System

May 2023 – Aug 2023

Thu Thuy Ao Dai | Dong Nai (thoitrangthuthuy.id.vn)

- Built a complete e-commerce platform covering product catalog, order management, and transaction handling
- Designed database schema and implemented backend logic for order processing and inventory tracking
- Optimized system performance for fast load times; implemented basic security measures for data protection

KEY PROJECTS

Dai Thang Mechanical – Industrial Machinery Business Platform

(Full-Stack Developer – End-to-End System Development)

<https://cokhidaithang.com>

- Designed and built full system architecture: database, backend APIs, and frontend interface
- Optimized SQL queries and system performance to handle real production traffic
- Deployed and maintained system on Linux server (Nginx); ensured uptime and stability
- Diagnosed and resolved production issues using log analysis and database debugging

OceanMachine — Full-Stack Developer – Industrial Machinery E-commerce Platform

<https://maycongnghiepocean.com>

- Designed full system architecture across database, backend, and frontend layers
- Built RESTful APIs for product management, authentication, and order processing; integrated third-party services
- Optimized SQL queries and database indexing for performance under load
- Managed Linux server deployment and Nginx configuration; proactively monitored and resolved production issues

Tam An Packaging — Full-Stack Developer – Packaging E-commerce Website

<https://baobitaman.com>

- Built complete e-commerce system from scratch: product catalog, ordering, and customer management
- Designed normalized database schema; implemented backend business logic and RESTful APIs
- Optimized queries and system config; deployed and maintained in production environment

Aztax Legal — Full-Stack Developer – Legal Consulting Platform

<https://phaplyaztax.com>

- Developed a full-featured CMS for legal services including article management and client inquiry handling
- Designed database schema and implemented access control and content categorization logic
- Built advanced search and filtering for fast data access; optimized performance and maintained production system

EDUCATION

Bachelor of Software Applications FPT Polytechnic College, Ho Chi Minh City (2021 – 2024)

CERTIFICATIONS & COURSES

HTML & CSS (Basic to Advanced) — Fullstack.edu.vn (2022)

Java Programming (OOP) — Howkteam.vn (2022)

LANGUAGE

English: Intermediate (Reading technical documents, basic communication)

PROFESSIONAL DEVELOPMENT

Continuously expanding skills in full-stack development, system integration, and production operations. Currently exploring Docker, middleware configuration (Apache/Tomcat), and AI-assisted development workflows.